

s/n: 10/606,221  
date: 11-3-04

("4233612" | "4321627" | "4513298" | "4535343" | "4745416" |  
"4764776" | "4769659" | "4783149" | "4794410" | "4794463" |  
"4812859" | "4847630" | "4862197" | "4894664" | "4903051" |  
"5021808" | "5040074" | "5095376" | "5159349" | "5589865" |  
"5691759" | "5719602" | "5732168" | "5734394" | "5742305" |  
"5745152" | "5760817" | "5805296" | "5844588" | "5870132" |  
"5920336" | "5929892" | "5933184" | "5984464" | "5991055" |  
38 "6135586" | "6266073" | "6318825" | "2002/0051031").PN. USPAT 11/1/04 16:38  
9 4745416.URPN. USPAT 11/1/04 16:35

(((359/618,196,204,206,212,216-  
221,226,227,234,520,522,872,873,874,833,834) or (347/256-262,233-  
243)).CCLS.) and (((scan\$5 and (rotat\$5 with (polygon or prism)) and  
(laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser or  
91 light))) and ((stray or ghost or unwanted) with light)) USPAT; US-PGPUB; IBM\_TDB 11/1/04 16:34

(((359/618,196,204,206,212,216-  
221,226,227,234,520,522,872,873,874,833,834) or (347/256-262,233-  
243)).CCLS.) and (((scan\$5 and (rotat\$5 with (polygon or prism)) and  
(laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser or  
56 light))) and ((stray or ghost or unwanted) with light))) and drum\$2 USPAT; US-PGPUB; IBM\_TDB 11/1/04 16:34  
(((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))  
and ((plural\$5 or multipl\$4 or several) with (laser or light))) and  
((359/618,196,204,206,212,216-  
221,226,227,234,520,522,872,873,874,833,834).CCLS.) and drums)  
29 and ((stray or ghost or unwanted) with light) USPAT; US-PGPUB; IBM\_TDB 11/1/04 16:31  
((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))  
and ((plural\$5 or multipl\$4 or several) with (laser or light))) and ((stray  
377 or ghost or unwanted) with light) USPAT; US-PGPUB; IBM\_TDB 11/1/04 16:31  
((359/618,196,204,206,212,216-  
221,226,227,234,520,522,872,873,874,833,834) or (347/256-  
6876 262)).CCLS. USPAT; US-PGPUB; IBM\_TDB 11/1/04 16:30  
(359/618,196,204,206,212,216-  
6122 221,226,227,234,520,522,872,873,874,833,834).CCLS. USPAT; US-PGPUB; IBM\_TDB 11/1/04 16:30  
(359/618,196,204,206,212,216-  
221,226,227,234,520,522,872,873,874,833,834) or (347/256-262,233-  
8841 243)).CCLS. USPAT; US-PGPUB; IBM\_TDB 11/1/04 16:30  
11 4930869.URPN. USPAT 11/1/04 14:35

(((359/618,196,204,206,212,216-  
221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  
((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))  
and ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or  
diode\$2))) and ((stray or ghost or unwanted) with light)) not  
57 4796964.URPN. USPAT; US-PGPUB; IBM\_TDB 11/1/04 14:30

(((359/618,196,204,206,212,216-  
 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  
 ((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))  
 and ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or  
 diode\$2))) and ((stray or ghost or unwanted) with light)) not  
 (((((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))  
 and ((plural\$5 or multipl\$4 or several) with (laser or light))) and  
 ((359/618,196,204,206,212,216-  
 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and drums)  
 30 and ((stray or ghost or unwanted) with light)) USPAT; US-PGPUB; IBM\_TDB 11/1/04 14:30

(scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and  
 4826 ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or diode\$2)) USPAT; US-PGPUB; IBM\_TDB 11/1/04 14:29  
 ((359/618,196,204,206,212,216-  
 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  
 ((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))  
 and ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or  
 715 diode\$2))) USPAT; US-PGPUB; IBM\_TDB 11/1/04 14:29  
 (((359/618,196,204,206,212,216-  
 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  
 ((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))  
 and ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or  
 59 diode\$2))) and ((stray or ghost or unwanted) with light)) USPAT; US-PGPUB; IBM\_TDB 11/1/04 14:29  
 (scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and  
 4804 ((plural\$5 or multipl\$4 or several) with (laser or light)) USPAT; US-PGPUB; IBM\_TDB 11/1/04 14:28  
 29 4796964.URPN. USPAT 11/1/04 14:18  
 29 4796964.URPN. USPAT 11/1/04 14:17  
 3 ("4796961" | "4796964" | "5233175").PN. USPAT 11/1/04 14:16  
 ((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))  
 and ((plural\$5 or multipl\$4 or several) with (laser or light))) and  
 ((359/618,196,204,206,212,216-  
 714 221,226,227,234,520,522,872,873,874,833,834).CCLS.) USPAT; US-PGPUB; IBM\_TDB 11/1/04 14:13

(((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))  
 and ((plural\$5 or multipl\$4 or several) with (laser or light))) and  
 ((359/618,196,204,206,212,216-  
 358 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and drums USPAT; US-PGPUB; IBM\_TDB 11/1/04 14:13  
 ((359/618,196,204,206,212,216-  
 5772 221,226,227,234,520,522,872,873,874,833,834).CCLS. USPAT; US-PGPUB; IBM\_TDB 11/1/04 14:12  
 9715 scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light) USPAT; US-PGPUB; IBM\_TDB 11/1/04 14:11  
 3 5793515.URPN. USPAT 11/1/04 13:44  
 4 ("3944323" | "5204769" | "5270849" | "5337182").PN. USPAT 11/1/04 13:43  
 3 5337182.URPN. USPAT 11/1/04 13:43  
 0 6501586.URPN. USPAT 11/1/04 13:42  
 4 ("5200611" | "5489936" | "5793515" | "6313935").PN. USPAT 11/1/04 13:42  
 1 ("4561717").PN. USPAT; US-PGPUB; IBM\_TDB 11/1/04 10:41  
 3 ("4390235" | "4855761" | "4962983").PN. USPAT 11/1/04 10:40  
 8 takayama-hidemi.in. USPAT; US-PGPUB; IBM\_TDB 3/10/04 16:21  
 1 ("5473466").PN. USPAT; US-PGPUB; IBM\_TDB 3/10/04 16:21  
 2 ("5181137") or ("5784094").PN. USPAT; US-PGPUB; IBM\_TDB 3/10/04 15:02  
 (((scanning adj optical adj system) and (rotating adj polygon)) and  
 (((359/618,196,204,206,212,216-  
 221,226,227,234,520,522,872,873,874,833,834) or (347/256-  
 45 262)).CCLS.) and (plural\$5 with (laser or light)) USPAT; US-PGPUB; IBM\_TDB 3/10/04 13:43

((scanning adj optical adj system) and (rotating adj polygon)) and  
 (((359/618,196,204,206,212,216-  
 221,226,227,234,520,522,872,873,874,833,834) or (347/256-  
 74 262)).CCLS.)

((scanning adj optical adj system) and (rotating adj polygon)) and  
 (light adj shield)) and (((359/618,196,204,206,212,216-  
 221,226,227,234,520,522,872,873,874,833,834) or (347/256-  
 2 262)).CCLS.)

((scanning adj optical adj system) and (rotating adj polygon)) and  
 3 (light adj shield)

2261 scanning adj optical adj system

170 (scanning adj optical adj system) and (rotating adj polygon)  
 6 5463418.URPN.  
 39 5251055.URPN.  
 4 ("4796963" | "4863227" | "5153608" | "5251055").PN.  
 2 5903379.URPN.  
 0 6633424.URPN.  
 2 ("5903379" | "6400488").PN.  
 8 4863227.URPN.

((359/618,196,204,206,212,216-  
 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  
 ((shield\$4 or block\$4 or prevent\$4) with (ghost\$5 or stray\$5 or  
 18 unwant\$5) with light)) and opaque

((rotating with (mirror or polygon)) same light) and  
 (((359/618,196,204,206,212,216-  
 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  
 ((shield\$4 or block\$4 or prevent\$4) with (ghost\$5 or stray\$5 or  
 28 unwant\$5) with light))

(shield\$4 or block\$4 or prevent\$4) with (ghost\$5 or stray\$5 or  
 5203 unwant\$5) with light

((359/618,196,204,206,212,216-  
 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  
 ((shield\$4 or block\$4 or prevent\$4) with (ghost\$5 or stray\$5 or  
 123 unwant\$5) with light)

11430 (ghost\$5 or stray\$5 or unwant\$5) near2 light

((359/618,196,204,206,212,216-  
 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  
 ((rotating with (mirror or polygon)) and ((ghost\$5 or stray\$5 or  
 42 unwant\$5) near2 light))) and (shield\$4 or block\$4)  
 (rotating with (mirror or polygon)) and ((ghost\$5 or stray\$5 or  
 728 unwant\$5) near2 light)

((359/618,196,204,206,212,216-  
 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  
 ((rotating with (mirror or polygon)) and ((ghost\$5 or stray\$5 or  
 74 unwant\$5) near2 light))

16869 rotating with (mirror or polygon)

8400 (rotating with (mirror or polygon)) same light

((359/618,196,204,206,212,216-  
 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and  
 985 ((rotating with (mirror or polygon)) same light)  
 SHINOZAKI-SHIMPEI.in. not hama-yoshihiro.in. not (TAKAKUBO-  
 YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not  
 hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-  
 17 yoshihiro.in.))

USPAT; US-PGPUB; IBM\_TDB 3/10/04 13:42

USPAT; US-PGPUB; IBM\_TDB 3/10/04 13:20

USPAT; US-PGPUB; IBM\_TDB 3/10/04 11:22

USPAT; US-PGPUB; IBM\_TDB 3/10/04 11:21

USPAT; US-PGPUB; IBM\_TDB 3/10/04 11:21

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USPAT 2/18/04 17:51

USPAT 2/18/04 17:49

USPAT 2/18/04 17:48

USPAT 2/18/04 17:48

USPAT 2/18/04 17:48

USPAT 2/18/04 17:44

USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:41

USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:41

USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:38

USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:38

USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:37

USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:36

USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:35

USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:15

SAITO, TOSHIMITSU.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SHINOZAKI-SHIMPEI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. 35904 not hama-yoshihiro.in.))) SAITO-TOSHIMITSU.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SHINOZAKI-SHIMPEI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. 17 not hama-yoshihiro.in.))) SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-41 YUTAKA.in. not hama-yoshihiro.in.) (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-0 YUTAKA.in. not hama-yoshihiro.in.)) and (rotati\$5 same polygon (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-0 YUTAKA.in. not hama-yoshihiro.in.)) and (polygon) 0 hama-yoshihiro.in. and ghost 1 hama-yoshihiro.in. and stray 1 hama-yoshihiro.in. and shield 0 (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) and ghost 0 (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) and stray 0 (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) and shield 4 TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in. 25 hama-yoshihiro.in. USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:15 USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:15 USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:13 USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:11 USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:11 USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:10 USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:09 USPAT; US-PGPUB; IBM\_TDB 2/18/04 17:05